

Applicant: Trezza et al.  
For: Multi-Wavelength Optical Communication System

ABSTRACT OF DISCLOSURE

A multi-wavelength optical communication system includes a number of emitters each of which emits radiation at a different wavelength; a plurality of the detectors each of which senses radiation at a different wavelength corresponding to the radiation from one of 5 the emitters and a shared waveguide including a scattering medium to transmit emitted radiation to the detectors.